

Declassified in Part - Sanitized Copy Approved for  
Release 2012/09/13 : **ANOMALY**  
CIA-RDP78-03535A001800010027-1

DATE		
TO: (		
BUILDING	ROOM NO.	
REMARKS:	25X1	
<i><u>Return</u></i> something to Start Thinking about for a future Project		
FROM:	25X1	

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**SECRET**

930

Chief, PLANS/OSO

22 August 1951

Director of Communications

Location and Identification of Clandestine W/T Activity

REFERENCE: Memorandum from Chief, PLANS/OSO, dated 16 August 1951

1. In the above reference, the Chief, PLANS/OSO requested information on a simple device which would indicate the presence of a nearby clandestine radio transmitter.
2. A review of existing equipment and practices indicates that no simple device exists which will indicate the presence of, and identify as such, the signal of a clandestine radio telegraph transmitter.
3. Other than DF equipment, there is one unit which may be used as an aid in the detection of such transmitters. This unit, an aperiodic receiver, is a very broadly tuned receiver which will accept and amplify signals over a wide frequency spectrum. This receiver may be used in the suspected area and adjusted to discriminate against all signals below a pre-determined level. However, any signal, regardless of the source, above this level will be reproduced which necessitates further analysis before it can be determined that the suspected transmitter was heard.
4. Your request for a determination of the technical feasibility of developing equipment of this type has been given to the Electronic Development Section.

  
Acting

25X1

JFS/FGI/cd

cc: Eng  
Dev ✓

DOCUMENT NO. 4  
NO CHANGE IN CLASS. ☐  
DECLASSIFIED  
CLASS. CHANGED TO: TS S 6  
NEXT REVIEW DATE: 26.10  
AUTH: HR 70-2  
DATE: 4/11/80 REVIEWER: 037169

ENGINEERING

**SECRET**